

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003
 DateRun: 03/30/2003
 Experimenters: Jason Marshall
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum
 PartType: Coupon
 Contaminants: Cutting/Tapping Fluids
 Cleaning Methods: Immersion/Soak
 Analytical Methods: Gravimetric
 Purpose: Laboratory evaluations of alternative cleaning products
 Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.
 Cleaning: 5 min Immersion cleaning with stir-bar agitation @ 120 F
 Drying: wipe
 Contaminant: Relton Corp Option 1 Cutting Fluid CAS# 1312-76-1, 265-18-2

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Cutting/Tapping Fluids				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Twin Rivers Technologies	Methyl Ester 1618	100	47.29	<input type="checkbox"/>	
AG Environmental Products	Canola Gold CE110	100	78.14	<input type="checkbox"/>	
AG Environmental Products	Soy Clear 1500	100	78.67	<input type="checkbox"/>	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	80.37	<input type="checkbox"/>	

Conclusion: